

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: BROWN ET AL.

Serial No.: 10/761,537

Filing Date: 01/24/2004

Title: MOTION CONTROL SYSTEMS



) Attorneys' Ref. P214419

) Art Unit: 2125

) Examiner: Cabrera, Zoila E

**REQUEST TO CORRECT PREVIOUSLY FILED
INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

This letter is to indicate an error made by the Applicant on a previously submitted Information Disclosure Statement, and to request corrections.

Enclosed herewith is a copy of the 4 page Supplemental Information Disclosure Statement filed on 04/18/2005 (Forms PTO/SB/08A and PTO/SB/08B are not enclosed). The error as described below, is located on page 3 and circled in red.

Under the "Remarks" section, last paragraph on page 3 referencing Microsoft Corporation's Windows 3.1 SDK Guide to Programming, please delete "Chapter 2" and insert "Chapter 22".

It is believed that no fee is due at this time to maintain the application in full force and effect, however if any such fee is due please charge this to Deposit Account No. 502099.

Signed at Bellingham, County of Whatcom, State of Washington, this 29th day of October, 2007.

Respectfully submitted,

BROWN ET AL.

By Michael R. Schacht
Michael R. Schacht, Reg. No. 33,550
Schacht Law Office, Inc.
2801 Meridian Street, Suite 202
Bellingham, WA 98225-2400
Tel: (360) 647-0400
Fax: (360) 647-0412

CERTIFICATE OF MAILING
37 C.F.R. §1.8

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop RCE, Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Signature: Susie Hubka

Print Name: Susie Hubka

Date: October 29, 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: DAVID W. BROWN et al.
Serial No.: 10/761,537
Filing Date: 01/21/2004
Title: MOTION CONTROL SYSTEMS



) Attorneys' Ref. P214419
)
) Art Unit: 2188
)
)
)
)

COPY

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, the Applicant respectfully submits this Supplemental Information Disclosure Statement to call to the attention of the Examiner the references listed on the attached Forms PTO/SB/08A and PTO/SB/08B for consideration in the prosecution of the above-referenced application for U.S. patent. Copies of the foreign and non-patent references are attached hereto for the Examiner's convenience.

Citation of a reference in this Information Disclosure Statement is not an admission that the reference is prior art to the present invention.

It is believed that no fee is due at this time to maintain the application in full force and effect, however if any such fee is due please charge this to Deposit Account No. 502099.

REMARKS

U.S. Patent No. 4,815,011 to Mizuno et al. discloses a robot control apparatus having a user interface that limits user access to predefined words to limit syntax errors while programming in a machine language.

U.S. Patent No. 4,688,195 to Thompson et al. discloses a natural language based system for facilitating the design of computer interfaces. The user is provided

with a menu of words that can legally follow commands in the context of a particular database system.

U.S. Patent No. 4,782,444 to Munshi et al. discloses a method of allocating and optimizing registered assignments during the compiling of source into executable code. Local register allocation and assignments are generated by performing a "two-colored pebble game" heuristic.

U.S. Patent No. 4,912,650 to Tanaka et al. discloses a system for controlling operation of a robot offline. In situations where input of a prescribed signal is being awaited, a key is pressed to simulate the generation of this prescribed signal at an appropriate port.

U.S. Patent No. 5,020,021 to Kaji et al. discloses a system for translating between languages such as Japanese and English.

U.S. Patent No. 5,175,684 to Chong discloses a system for translating between natural languages such as Japanese and English:

U.S. Patent No. 5,175,856 to Van Dyke et al. discloses a compilation system for compiling source code into executable object code. An integrated, intermediary representation supports machine independent and machine dependent optimizations of the resulting object code.

U.S. Patent No. 5,541,838 to Koyama et al. discloses a machine for translating between natural languages such as Japanese and English.

U.S. Patent No. 6,070,010 to Keenleyside et al. discloses a system for aligning data in stack memory in a data processing system. The stack memory provides temporary storage for storing parameters for a function call.

U.S. Patent No. 6,090,156 to MacLeod discloses a register allocator for allocating machine registers during compilation of a computer program.

U.S. Patent No. 6,233,545 to Datig discloses a universal machine translator for natural languages.

U.S. Patent No. 6,317,871 to Andrews et al. discloses a system used by a computer program translator. The system identifies the false structure of computer programs and maintains textual consistency of each piece of generated code and the resultant code files.

U.S. Patent No. 6,425,118 to Molloy et al. discloses a system for automatically generating self checking tests of source to source computer language translations.

U.S. Patent No. 6,463,404 to Appleby discloses a system for translating between natural languages.

U.S. Patent No. 4,199,814 to Rapp et al. discloses a system for allowing the building or changing of a program stored on a machine tool.

U.S. Patent No. 5,005,135 to Morser et al. discloses a system for correcting path radius errors in a motion control system.

U.S. Patent No. 5,511,147 to Abdel-Malek discloses a graphical interface for robot control programs.

Japanese Patent No. JP 08161335 A to Fukumochi appears to disclose a natural language translation system.

Japanese Patent No. JP 2000020114 A to OBA et al. appears to disclose a method of controlling a motion system in which machine control language is converted to sequence control language and loaded onto a motion controller.

European Patent No. EP 821522 A2 to Sato et al. discloses a camera control apparatus that allows the camera to be controlled over the internet. This system handles characters in a character string of file name of a control request as camera control characters. The character string includes description corresponding to the format for camera control.

U.S. Pub. No. 2001/0029443 A1 to Miyahira discloses a natural language translation system.

U.S. Pub. No. 2001/0037492 A1 to Holzmann discloses a system for verifying that a software system satisfies a property. Source strings generated from the code are translated subject to an abstraction filter or conversion table. Logic model checkings are performed on the abstracted verification model.

U.S. Pub. No. 2002/0165708 A1 to Kumhyr discloses a system for translating natural languages.

Microsoft Corporation's Windows 3.1. SDK Guide to Programming Chapter 2, Chapter "Dynamic Data Exchange" discloses Microsoft's Dynamic Data Exchange (DDE)

22

method of transferring data between applications. The DDE protocol simplifies data exchange between applications.

Microsoft Corporation's Win32 SDK: Prog. Ref. Vol. 2, Chapter 77, "Dynamic Data Exchange Management Library" describes an application programming interface, commonly referred to as DDEML, that may be implemented by an application to allow interprocess communications using Microsoft's Dynamic Data Exchange Protocol.

Microsoft Corporation's Windows for Workgroups 3.1 Resource Kit, Chapter 11, "Network Dynamic Data Exchange" describes the implementation of Microsoft's DDE protocol over a network.

CONCLUSION

The Applicant respectfully submits that these references, taken alone or in combination, neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to the pending application is respectfully requested. If there is any matter which could be expedited by consultation with the Applicant's attorney, such would be welcome. The Applicant's attorney can normally be reached at the telephone number below.

Signed at Bellingham, County of Whatcom, State of Washington, this 18th day of April, 2005.

Respectfully submitted,

David W. Brown et al.

By Michael R. Schacht
Michael R. Schacht, Reg. No. 33,550
Schacht Law Office, Inc.
2801 Meridian Street, Suite 202
Bellingham, WA 98225-2400
Tel: (360) 647-0400
Fax: (360) 647-0412

CERTIFICATE OF MAILING 37 C.F.R. §1.8

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Signature: Robin Fry

Print Name: Robin Fry

Date: April 18, 2005

COPY

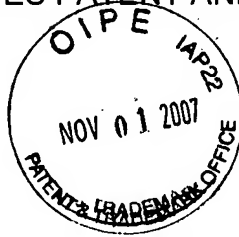
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: BROWN ET AL.

Serial No.: 10/761,537

Filing Date: 01/21/2004

Title: MOTION CONTROL SYSTEMS



) Attorneys' Ref. P214419

) Art Unit: 2125

) Examiner: Cabrera, Zoila E

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

In accordance with 37 CFR §1.56, the Applicant respectfully submits this Supplemental Information Disclosure Statement to call to the attention of the Examiner the references listed on the attached Forms PTO/SB/08A and PTO/SB/08B for consideration in the prosecution of the above-referenced application for U.S. patent.

Citation of a reference in this Information Disclosure Statement is not an admission that the reference is prior art to the present invention.

It is believed that no fee is due at this time to maintain the application in full force and effect, however if any such fee is due please charge this to Deposit Account No. 502099.

REMARKS

The attached references were disclosed by the Applicant and/or introduced by the Examiner during the prosecution of parent application Serial No. 10/316,451. Therefore, copies of the references are not enclosed, but can be provided at the Examiner's request.

CONCLUSION

Consideration of the foregoing in relation to the pending application is respectfully requested. If there is any matter which could be expedited by consultation with the Applicant's attorney, such would be welcome. The Applicant's attorney can normally be reached at the telephone number below.

Signed at Bellingham, County of Whatcom, State of Washington, this 29th day of October, 2007.

Respectfully submitted,

BROWN ET AL.

By Michael R. Schacht

Michael R. Schacht, Reg. No. 33,550
Schacht Law Office, Inc.
2801 Meridian Street, Suite 202
Bellingham, WA 98225-2400
Tel: (360) 647-0400
Fax: (360) 647-0412
Customer No. 30662

CERTIFICATE OF MAILING 37 C.F.R. §1.8

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Box RCE, Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Signature: Susie Hubka

Print Name: Susie Hubka

Date: October 29, 2007